

BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR, WESTERN REGION
RATE SCHEDULE FOR 2 X 125 MW SLPP STAGE-II UNIT # 3& 4 CABLING PACKAGE
(REVISION -01 dated 04/12/2007)
TS NO BHE/PW/PUR/SLT-CBL/538

SEC	SI No / DESCRIPTION	UOM	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
A1	6.6 KV XLPE POWER CABLES (AL CONDUCTOR, ARMoured)				
	A1.1 1C X 630 SQ MM	M	5000		
	A1.2 3C X 185 SQ MM	M	6000		
A2	6.6 KV XLPE POWER CABLES UNARMoured (AL CONDUCTOR)				
	A2.1 1C X 630 SQ MM	M	11500		
	A2.2 3C X 185 SQ MM	M	15500		
B1	LT XLPE POWER CABLES, ARMoured (AL CONDUCTOR)				
	B1.1 1C X 630 SQ MM	M	40000		
	B1.2 1C X 400 SQ MM	M	3000		
B2	LT POWER CABLES PVC INSULATED, ARMoured (AL CONDUCTOR)				
	B2.1 1 C X400 SQ MM	M	5000		
	B2.2 1C X 185 SQ MM	M	3000		
	B2.3 1C X 70 SQ MM	M	2500		
	B2.4 1C X 35 SQ MM	M	4000		
	B2.5 1C X 10 SQ MM	M	3000		
	B2.6 2C X120 SQ MM	M	750		
	B2.7 2C X25 SQ MM	M	12000		
	B2.8 3C X 400 SQ MM	M	900		
	B2.9 3C X 240 SQ MM	M	2500		
	B2.10 3C X 120 SQ MM	M	1500		
	B2.11 3C X 95 SQ MM	M	1500		
	B2.12 3C X 50 SQ MM	M	3000		

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	B2.13 3C X 35 SQ MM	M	300		
	B2.14 3C X 25 SQ MM	M	5500		
	B2.15 3C X10 SQ MM	M	10000		
	B2.16 3C X 6 SQ MM	M	2000		
	B2.17 3.5C X 240 SQ MM	M	2000		
	B2.18 3.5C X 120 SQ MM	M	1000		
	B2.19 3.5C X 70SQ MM	M	2000		
	B2.20 3.5C X 50SQ MM	M	6000		
	B2.21 3.5C X 25 SQ MM	M	25000		
C1	LT POWER CABLES PVC INSULATED ARMOURED (COPPER CONDUCTOR)				
	C1.1 1C X 630 SQ MM	M	2000		
	C1.2 1C X 400 SQ MM	M	4000		
	C1.3 2C X 95 SQ MM	M	9000		
	C1.4 2C X 50 SQ MM	M	500		
	C1.5 2C X 25 SQ MM	M	7000		
	C1.6 2C X 6 SQ MM	M	1500		
	C1.7 2C X 2.5SQ MM	M	50000		
	C1.8 3C X 2.5 SQ MM	M	77500		
D1	LT CONTROL CABLE (COPPER CONDUCTOR,ARMOURED PVC CONTROL)				
	D1.1 5CX 1.5SQ MM	M	69000		
	D1.2 12C X 1.5SQ MM	M	72000		
	D1.3 2C X 2.5SQ MM	M	19800		
	D1.4 3C X 2.5SQ MM	M	57500		

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SEC	SI No / DESCRIPTION	UOM	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
	D1.5 5C X 2.5 SQ MM	M	55000		
	D1.6 7C X 2.5 SQ MM	M	20050		
	D1.7 10C X 2.5 SQ MM	M	3800		
	D1.8 12 C X 2.5 SQ MM	M	20000		
	D1.9 19 C X 2.5 SQ MM	M	10000		
	D1.10 5C X 4 SQ MM	M	3000		
E1	SCREENED CONTROL CABLE				
	600V INSTRUMENT OVERALL SCREENED, ARMOURED CABLE FRLS (TYPE-G)				
	E2.1 2PX 0.5SQ MM	M	2500		
	E2.2 4CX 1.5SQ MM	M	6000		
F1	CABLE TRAYS				
	F1.1 LADDER TYPE				
	I) 600 MM WIDE	M	34775		
	ii) 450 MM WIDE	M	5000		
	iii) 300 MM WIDE	M	10750		
	Iv) 150 MM WIDE	M	3125		
	F1.2 PERFORATED TYPE				
	I) 600 MM WIDE	M	500		
	ii) 450 MM WIDE	M	500		
	iii) 300 MM WIDE	M	500		
	Iv) 150 MM WIDE	M	1000		

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SEC	SI No / DESCRIPTION	UOM	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
F2	CABLE TRAYS ACCESSORIES				
	F2.2 CABLE TRAY ACCESSORIES				
	F2.2.1 90 DEG HORIZONTAL BEND LADDER TYPE 600MM RADIUS				
	i) 600 MM WIDE	Nos	470		
	ii) 450 MM WIDE	Nos	15		
	iii) 300 MM WIDE	Nos	300		
	iv) 150 MM WIDE	Nos	25		
	F2.2.2 90 DEG VERTICAL BEND LADDER TYPE 600MM RADIUS (INSIDE)		0		
	i) 600 MM WIDE	Nos	120		
	ii) 450 MM WIDE	Nos	20		
	iii) 300 MM WIDE	Nos	300		
	iv) 150 MM WIDE	Nos	40		
	F2.2.3 90 DEG VERTICAL BEND PERFORATED TYPE 600MM RADIUS (OUTSIDE)				
	i) 600 MM WIDE	Nos	160		
	ii) 450 MM WIDE	Nos	20		
	iii) 300 MM WIDE	Nos	120		
	iv) 150 MM WIDE	Nos	30		
	F2.2.4 TEES LADDER TYPE 600MM RADIUS				
	i) 600 MM WIDE	Nos	300		
	ii) 450 MM WIDE	Nos	10		
	iii) 300 MM WIDE	Nos	25		
	iv) 150 MM WIDE	Nos	10		

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SEC	SI No / DESCRIPTION	UOM	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
	F2.2.5 CROSSES LADDER TYPE				
	i) 600 MM WIDE	Nos	10		
	ii) 450 MM WIDE	Nos	10		
	iii) 300 MM WIDE	Nos	10		
	iv) 150 MM WIDE	Nos	10		
	F2.2.6 REDUCERS LADDER TYPE (50 % LHS / 50 % RHS)				
	i) 600MM - 450MM	Nos	30		
	ii) 600MM - 300MM	Nos	20		
	iii) 450MM - 300MM	Nos	10		
	iv) 300-150 MM WIDE	Nos	20		
	F2.2.7 CABLE TRAY COVERS				
	i) 600 MM WIDE	M	3000		
	ii) 450 MM WIDE	M	1000		
	iii) 300 MM WIDE	M	500		
	iv) 150 MM WIDE	M	100		
F3	CABLE TRAYS SUPPORT (HOT DIP GALVANISED STRUCTURAL STEEL)				
	F3.1 TRAY SUPPORT SYSTEM (GS ANGLE / ISMC STEEL)				
	i) ISMC - 150 (3.25 MTR / 3.0 MTR LENGTH)	TON	39		
	ii) ISMC -100 (3.25 MTR / 3.0 MTR LENGTH)	TON	3.5		
	iii) ISMC -75 (3.25 MTR / 3.0 MTR LENGTH)	TON	4.5		
	iv) ISA 50 X 50 X 6 (3.25 MTR / 3.0 MTR LENGTH)	TON	29		

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SEC	SI No / DESCRIPTION	UOM	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
F4	CABLE TERMINATION KITS AND STRAIGHT THROUGH JOINTS				
	F4.1 6.6KV TERMINATION KITS FOR 6.35/11 KV, XLPE INSULATED ALUMINIUM CABLE				
	i) 1CX630 SQ.MM.(ARMoured / UNARMoured)	Nos	50		
	iii) 3CX185 SQ.MM. (ARMoured / UNARMoured)	Nos	120		
	F4.2 STRAIGHT THROUGH JOINTS FOR 6.35/11 KV, XLPE INSULATED ALUMINIUM CABLE				
	i) 1CX630 SQ.MM. (ARMoured / UNARMoured)	Nos	15		
	ii) 3CX185 SQ.MM. (ARMoured/ UNARMoured)	Nos	6		
F5	CABLE TREFOIL CLAMPS				
	F5.1 TREFOIL CLAMPS(COMPLETE WITH FIXING HARDWARE) FOR				
	i) 6.6KV GRADE,1C - 630 AL, XLPE CABLE	Nos	1000		
	ii) 1.1KV GRADE,1C - 630 AL, PVC CABLE	Nos	3000		
	iii) 1.1KV GRADE,1C - 400 AL, PVC CABLE	Nos	250		
G1	FIRE SEALING SYSTEM				
	G1.1 FIRE SEALING SYSTEM				
	G1.1 FIRE STOP MATERIAL FOR OPENINGS BELOW PANELS, AT WALLS AND AT FLOORS	SQ MTR	25		
H1	CONDUITS (GALVANISED MS RIGID / FLEXIBLE GI / PVC)				
	H1.1 CONDUITS				
	H1.1.1 GALVANISED MS RIGID CONDUITS				
	i) 50 MM DIA	M	2000		
	ii) 75 MM DIA	M	2000		
	iii) 200 MM DIA	M	200		

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	H1.1.2 FLEXIBLE GI CONDUITS				
	i) 25 MM DIA	M	5000		
	ii) 150 MM DIA	M	150		
	H1.1.3 PVC CONDUITS				
	i) 150 MM DIA	M	250		
	ii) 200 MM DIA	M	250		
	H1.1.1.4 BELL MOUTH FOR PVC CONDUITS				
	i) 150 MM DIA	Nos	20		
	ii) 200 MM DIA	Nos	20		
J1	MARSHALLING BOXES				
	J1.1 MARSHALLING BOX				
	i) 6 WAY	Nos	4		
	ii) 12 WAY	Nos	4		
	iii) 24 WAY	Nos	4		
	iv) 36 WAY	Nos	4		
	v) 48 WAY	Nos	4		
K1	ABOVE GROUND EARTHING				
	K1.1 ABOVE GROUND EARTHING & LIGHTNING PROTN MATERIAL				
	K1.1 EQUIPMENT EARTHING MATERIALS				
	i) GS FLAT 75 X 10 mm	M	10200		
	ii) GS FLAT 50 X 6 mm	M	500		

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	iii) GS FLAT 30 X 5 mm	M	900		
	iv) GS FLAT 25 X 6 mm	M	33970		
	v) GS FLAT 25 X 3 mm	M	25470		
	vi) GS WIRE 8 SWG	M	10000		
	vii) G S WIRE 3.15 MM	M	4000		
	K1.2 FLEXIBLE BRAIDED CONDUCTOR WITH TINNED COPPER CLAMP CONNECTED BY U BOLT FOR FENCE GATE EARTHING.	M	25		
	K1.3 8 SWG GI STRANDED WIRE	M	1500		
L1	LIGHTNING PROTECTION SYSTEM				
	L1.1 LIGHTNING PROTECTION SYSTEM MATERIAL				
	i) 20 DIA, 1 M LONG GS ROD FOR VERTICAL AIR TERMINATION	Nos	150		
	ii) TEST LINK WITH 150X150X6 THICK GS PLATE WITH BOX.	Nos	150		
	iii) PRECAST CONCRETE BLOCK OF SIZE 150X150X50 ALONG WITH 2 FOUNDATION STUDS GROUTED	Nos	1000		
M1	MISCLANNEOUS ITEMS				
	M1.1 6 MM THICK CHEQUERED PLATE FOR COVERING OF LEFT OVER PORTION OF CABLE TRENCHES INSIDE THE BUILDING	MT	5		
	M1.2 GALVANISED MS SHEET (2 MM THICK) PLANE / PERFORATED TYPE FOR COVERING CABLE SHAFT	SQ MTR	50		
	M1.3 MAKING CUT OUT OPENING AT FLOORS	SQ MTR	50		
	M1.4 MAKING CUT OUT OPENING AT BRICK WALLS	SQ MTR	50		
	M1.5 MAKING CUT OUT OPENING AT RCC WALLS	SQ MTR	10		
	M1.6 BURRIED CABLE 3C X 185 SQ MM 6.6 KV XLPE POWER CABLES (AL CONDUCTOR, ARMoured)	M	500		
	TOTAL AMOUNT IN FIGURES:				
	TOTAL AMOUNT IN WORDS:				